# XS-AW850

# SERVICE MANUAL

*US Model*

## SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION
22 watts per channel minimum continuous average power into 4 ohms, both channels driven from 100 Hz to 20 kHz with no more than 1% total harmonic distortion.

**Other Specifications**

**Speaker section**

| | |
|---|---|
| Woofer | 20 cm, cone type |
| Impedance | 6 ohm |

**Power amplifier section**

| | |
|---|---|
| Circuit system | OTL (output transformerless) circuit<br>Pulse power supply |
| Inputs | RCA pin jacks<br>High level input connector |
| Outputs | Speaker connector |
| Speaker impedance | 4 Ω (stereo) |
| Maximum outputs | Front/Rear outputs:<br>50 watts × 4 (at 4 ohms)<br>Subwoofer output:<br>120 watts × 1 (at 6 ohms) |
| Rated outputs (supply voltage at 14.4 V) | Front/Rear outputs:<br>22 watts × 4 (100 Hz – 20 kHz, 1 % THD, at 4 ohms)<br>Subwoofer output:<br>60 watts (100 Hz, 1 % THD, at 6 ohms) |
| Frequency response | Front/Rear outputs:<br>50 Hz – 50 kHz ( ;; dB) |
| Harmonic distortion | Front/Rear 0.1 % or less (at 1 kHz)<br>Subwoofer 0.05 % or less (at 100 Hz) |
| Input sensitivity | 0.7 V (RCA pin jacks)<br>8.0 V (High level input) |
| High-pass filter | 50 – 150 Hz, –12 dB/oct |

**System Section**

| | |
|---|---|
| Power requirements | 12 V DC car battery (negative ground) |
| Power supply voltage | 10.5 – 16 V |
| Current drain | at rated output: 19 A<br>Remote input: 1.5 mA |
| Dimensions | Approx. 380 × 226 × 190 mm (w/h/d) (15 × 9 × 7 1/2 in.) not incl. projecting parts and controls |
| Mass | Approx. 6.4 kg (14 lb.) not incl. accessories |
| Supplied accessories | Mounting screws (ø5 × 20: 4, ø5 × 25: 4), Fittings (4), Terminal Cap |

Design and specifications are subject to change without notice.

## 5 CHANNEL ACTIVE SUBWOOFER

MICROFILM

SONY®

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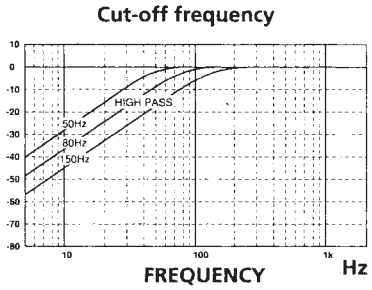
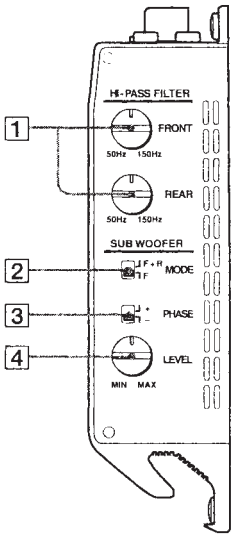
# SECTION 1
# GENERAL

This section is extracted from instruction manual.

## Location and Function of Controls

**1 Cut-off frequency adjustment control**
Sets the cut-off frequency (50–150 Hz) for the high-pass filters.



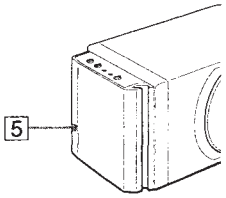




**2 MODE select switch**
The switch can be used to change the subwoofer output as follows.
FRONT : Outputs the input signal to the FRONT input jack.
F+R : Outputs the input signal to the FRONT and REAR input jacks.

**3 PHASE select switch (Subwoofer only)**
Use this switch to change the phase of the reproduced sound to match your audio system.

**4 LEVEL control**
Turn this control to adjust the subwoofer output level.

**5 POWER/PROTECTOR indicator**
Lights up in green while the unit is in operation. The color will change from green to amber and the unit will shut down when the protection circuit is activated if a DC current is generated.

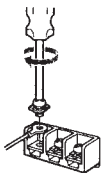


# Connections

## Caution

- Before making any connections, disconnect the ground terminal of the car battery to avoid short circuits.
- Be sure to use speakers with an adequate power rating. If you use small capacity speakers, they may be damaged.
- Do not connect the ⊖ terminal of the speaker system to the car chassis, and do not connect the ⊖ terminal of the right speaker with that of the left speaker.
- Install the input and output cords away from the power supply lead as running them close together can generate some interference noise.
- This unit is a high-power amplifier. Therefore, it may not perform to its full potential if used with the speaker cords supplied with the car.
- If your car is equipped with a computer system for navigation or some other purpose, do not remove the ground wire from the car battery. If you disconnect the wire, the computer memory may be erased. To avoid short circuits when making connections, disconnect the +12 V power supply lead until all the other leads have been connected.

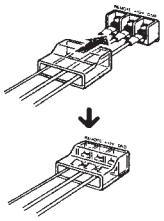
**Make the terminal connections as illustrated below.**



*Note*

*Tighten the screws firmly, but be careful not to apply too much force* as doing so may damage the screws.*

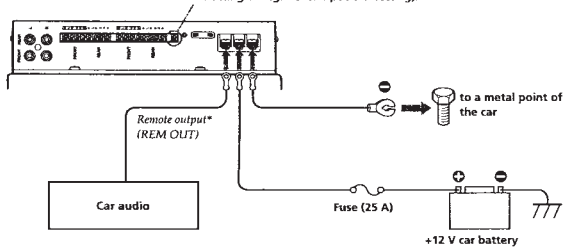
** The torque value should be less than 1 N•m.*



**Pass the leads through the cap, connect the leads, then cover the terminals with the cap.**

### Power Connection Leads

*When using a car audio without a remote output on the amplifier, connect the accessory power supply of the car to the ACC* ***(When connecting to high level input connecting).***



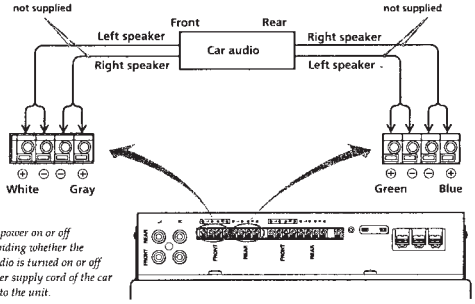

** When using a car audio without a remote output on the amplifier and when making a high level input connection, connect the accessory power supply of the car to the ACC. When the unit receives a signal, the power of the unit turns on automatically. If the unit does not receive a continuous signal for approximately 10 seconds, the power of the unit turns off automatically.*

***Notes on the power supply***

- *Connect the +12 V power supply lead only after all the other leads have been connected.*
- ***Be sure to connect the ground lead of the unit securely to a metal surface of the car. A loose connection may cause the amplifier to malfunction.***
- *Be sure to connect the remote control lead of the car audio to the remote terminal.*
- *Use the power supply lead with a fuse attached (25 A).*
- *Place the fuse in the power supply lead as close as possible to the car battery.*
- *Make sure that the leads to be connected to the* ***+12 V*** *and* ***GND*** *terminals of this unit are larger than 10-Gauge (AWG-10) or have a sectional area of more than 5 mm².*
- *When using the optional RC-46 power amplifier connecting cord, consult that manual for proper use.*

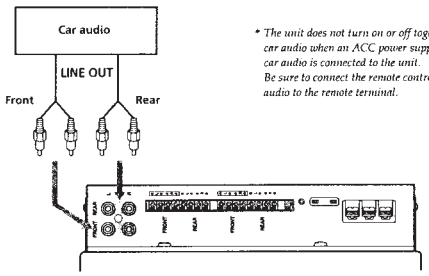
## Input Connections

### High Level Input Connection




** The unit turns the power on or off automatically depending whether the power of the car audio is turned on or off when an ACC power supply cord of the car audio is connected to the unit.*

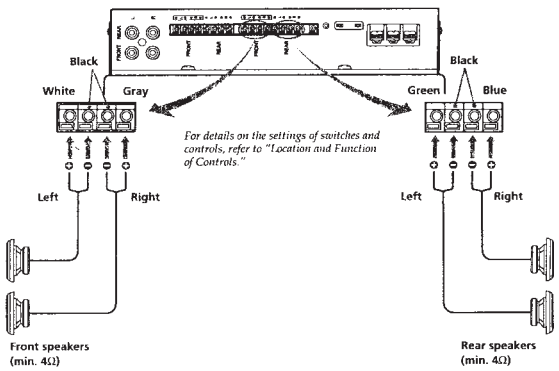
### Line Input Connection



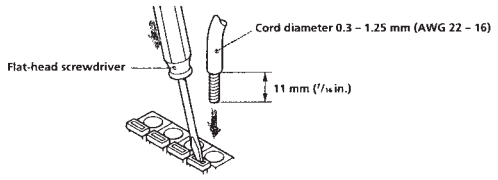

** The unit does not turn on or off together with the car audio when an ACC power supply cord of the car audio is connected to the unit. Be sure to connect the remote control lead of the car audio to the remote terminal.*

## Speaker Connections

### 4-Speaker System



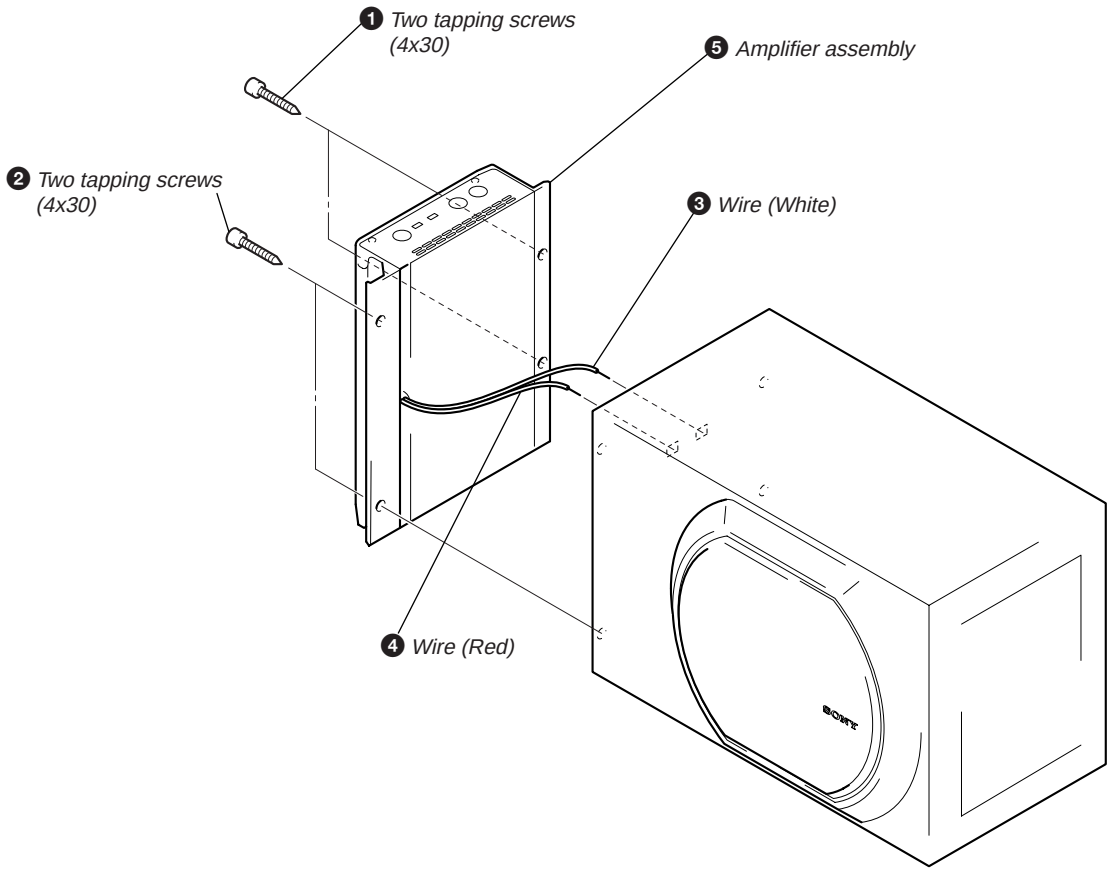

### Direct speaker cord connection



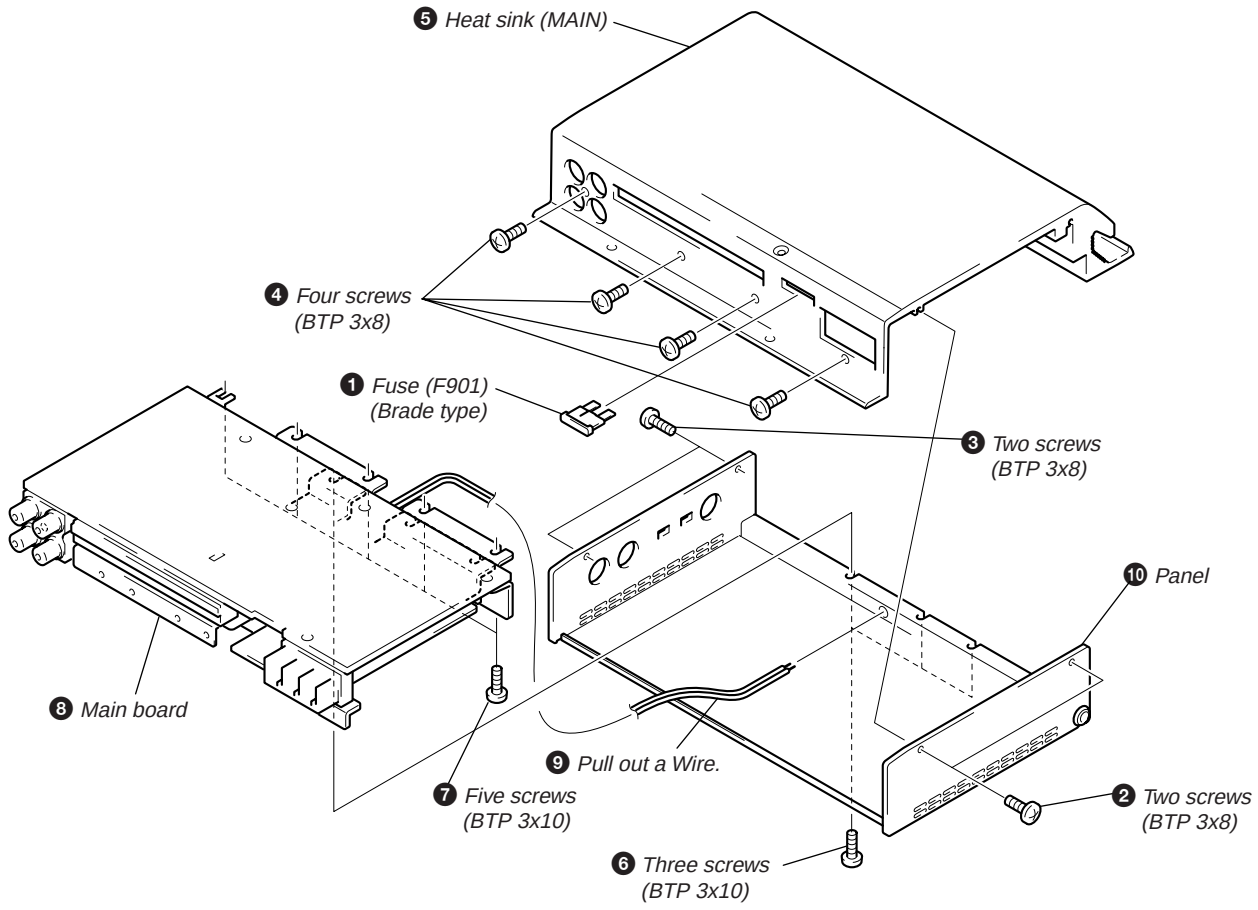
# SECTION 2
# DISASSEMBLY

**Note:** Follow the disassembly procedure in the numerical order given.

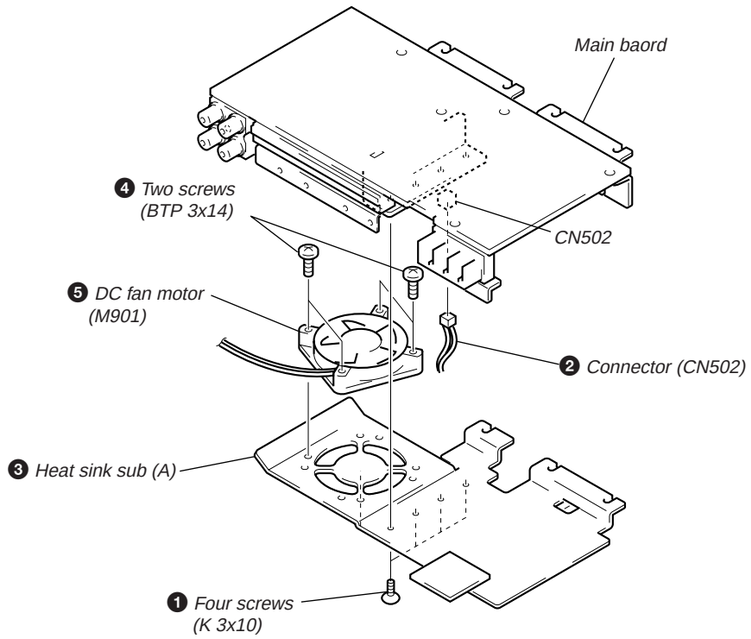
## 2-1. AMPLIFIER ASSEMBLY




## 2-2. MAIN BOARD


5 Heat sink (MAIN)
4 Four screws (BTP 3x8)
1 Fuse (F901) (Brade type)
3 Two screws (BTP 3x8)
10 Panel
8 Main board
9 Pull out a Wire.
7 Five screws (BTP 3x10)
2 Two screws (BTP 3x8)
6 Three screws (BTP 3x10)

## 2-3. DC FAN MOTOR






# SECTION 3
# DIAGRAMS

**THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.**
**(In addition to this, the necessary note is printed in each block.)**

**For schematic diagrams.**

**Note:**

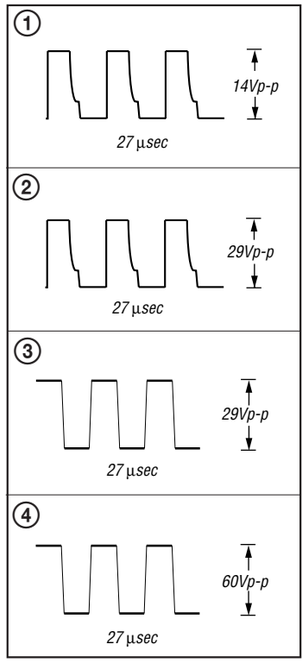
- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- ▭ : panel designation.
- B + : B+ Line.
- Power voltage is dc 14.4V and fed with regulated dc power supply from ACC and BATT cords.
- Voltage and waveforms are dc with respect to ground under no-signal conditions.
  no mark : POWER ON
  ＊ : Impossible to measure
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  ⇨ : AUDIO

**For printed wiring boards.**

**Note:**

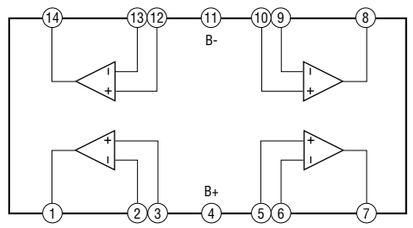
- o—— : parts extracted from the component side.
- △ : internal component.

**• WAVEFORMS**

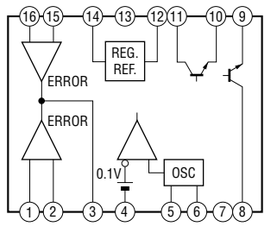



## 3-1. IC BLOCK DIAGRAMS

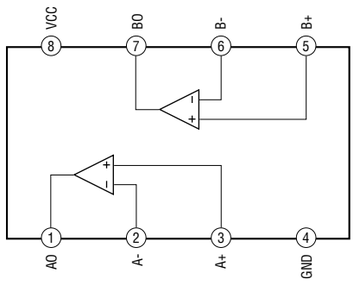
**IC101 µPC4570G2**




**IC901 µPC494GS**



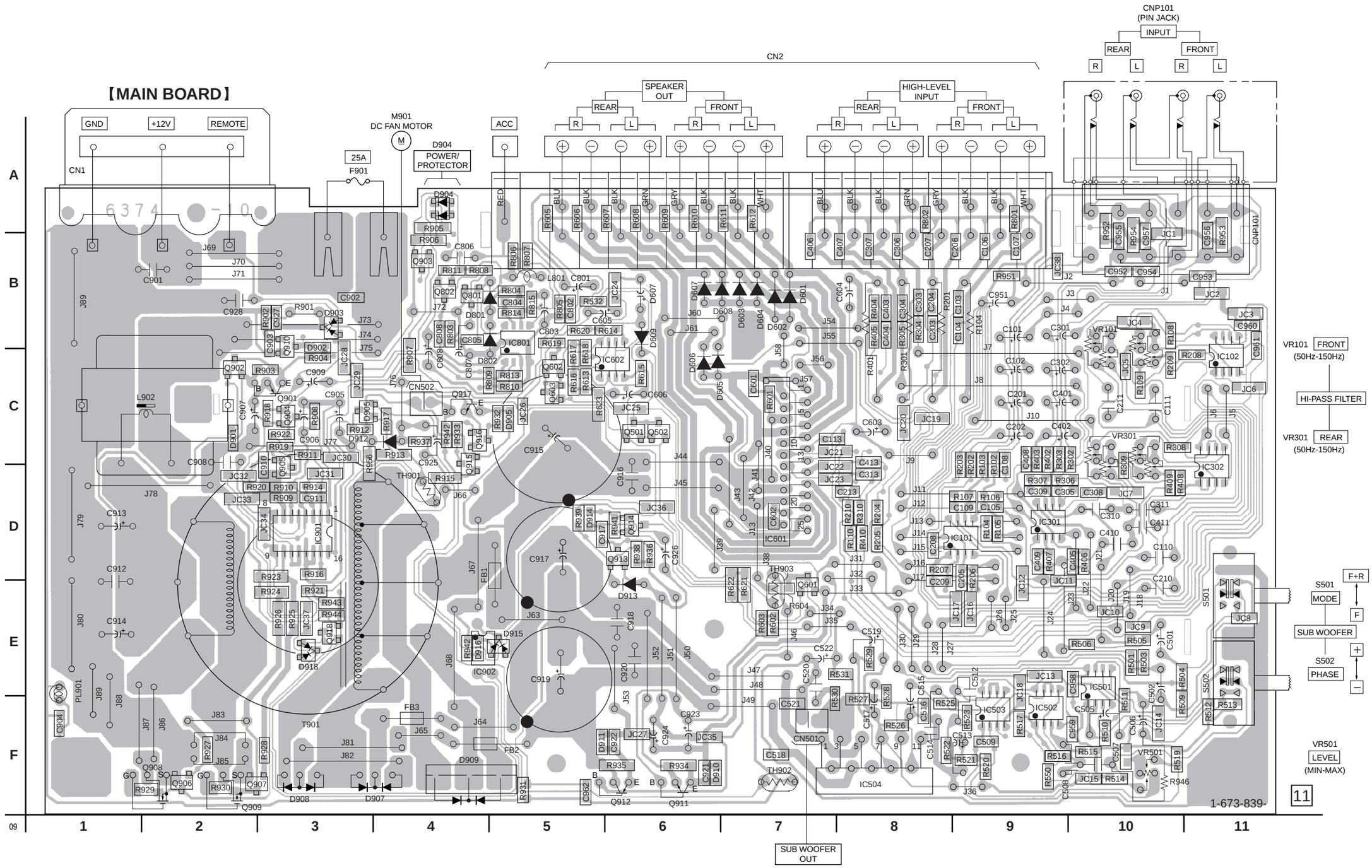

**IC602 LM2904M**



## 3-2. PRINTED WIRING BOARD

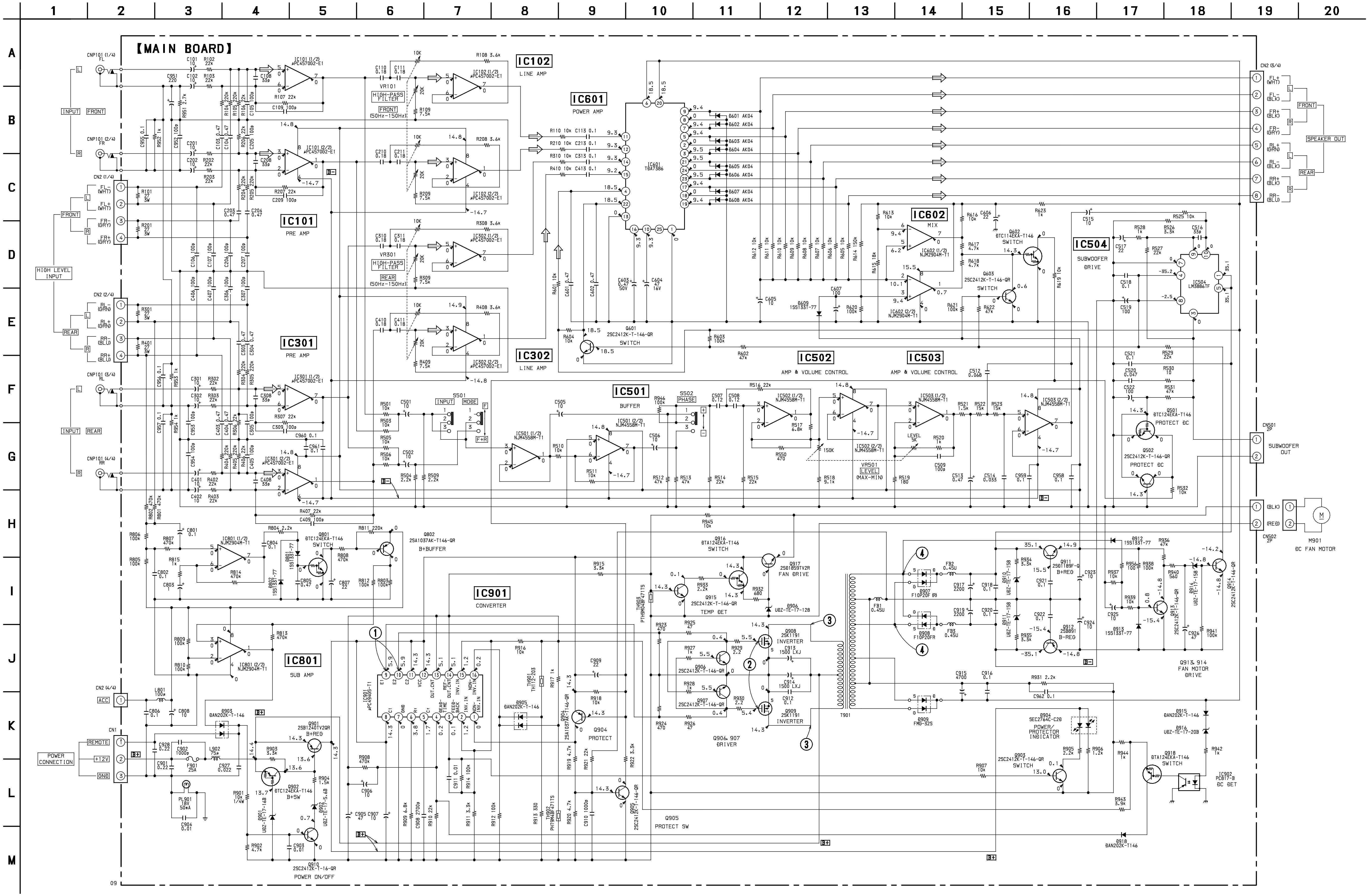
- **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D601 | C-7 |
| D602 | C-7 |
| D603 | B-7 |
| D604 | B-7 |
| D605 | C-7 |
| D606 | C-6 |
| D607 | B-6 |
| D608 | B-7 |
| D609 | B-6 |
| D801 | B-5 |
| D802 | B-5 |
| D901 | C-2 |
| D902 | B-3 |
| D903 | D-3 |
| D904 | A-4 |
| D905 | C-3 |
| D906 | C-5 |
| D907 | F-4 |
| D908 | F-3 |
| D909 | F-4 |
| D910 | F-6 |
| D911 | F-5 |
| D912 | C-4 |
| D913 | E-6 |
| D914 | D-5 |
| D915 | E-5 |
| D916 | E-4 |
| D918 | E-3 |
| | |
| IC101 | D-9 |
| IC102 | C-11 |
| IC301 | D-9 |
| IC302 | D-11 |
| IC501 | E-10 |
| IC502 | F-9 |
| IC503 | F-9 |
| IC504 | F-8 |
| IC601 | D-7 |
| IC602 | C-6 |
| IC801 | B-5 |
| IC901 | D-3 |
| IC902 | E-4 |
| | |
| Q501 | C-6 |
| Q502 | C-6 |
| Q601 | E-7 |
| Q602 | C-5 |
| Q603 | C-5 |
| Q801 | B-4 |
| Q802 | B-4 |
| Q901 | C-3 |
| Q902 | C-2 |
| Q903 | B-4 |
| Q904 | C-3 |
| Q905 | C-3 |
| Q906 | F-2 |
| Q907 | F-2 |
| Q908 | F-2 |
| Q909 | F-2 |
| Q910 | B-3 |
| Q911 | F-6 |
| Q912 | F-6 |
| Q913 | D-6 |
| Q914 | D-6 |
| Q915 | C-4 |
| Q916 | C-4 |
| Q917 | C-4 |
| Q918 | E-3 |



### 3-3. SCHEMATIC DIAGRAM

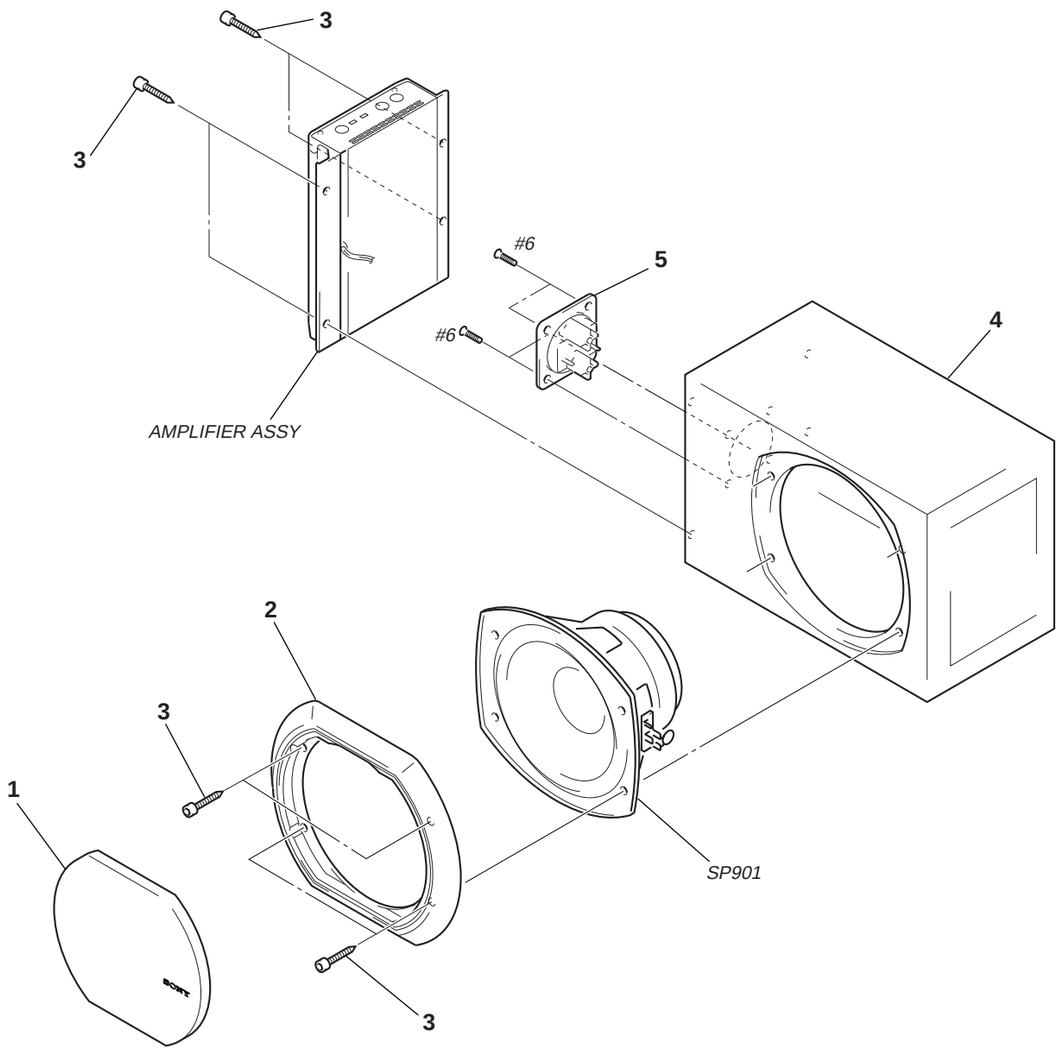
• Refer to page 6 for Waveforms and Note.
• Refer to page 6 for IC Block Diagrams.


【MAIN BOARD】
IC101
PRE AMP
IC102
LINE AMP
IC301
PRE AMP
IC302
LINE AMP
IC601
POWER AMP
IC601 TDA7386
IC602
MIX
IC504
SUBWOOFER DRIVE
IC504 LM3886TF
IC501
BUFFER
IC502
AMP & VOLUME CONTROL
IC503
AMP & VOLUME CONTROL
IC801
SUB AMP
IC901
CONVERTER
VR101
HIGH-PASS FILTER
FRONT
(50Hz-150Hz)
VR301
HIGH-PASS FILTER
REAR
(50Hz-150Hz)
VR501
LEVEL
(MAX-MIN)
S501
INPUT
MODE
S502
PHASE
HIGH LEVEL INPUT
SPEAKER OUT
SUBWOOFER OUT
POWER CONNECTION
REMOTE
+12V
GND
ACC
M901
DC FAN MOTOR
Q501 DTC124EKA-T146
PROTECT DC
Q502 2SC2412K-T-146-QR
PROTECT DC
Q601 2SC2412K-T-146-QR
SWITCH
Q602 DTC114EKA-T146
SWITCH
Q603 2SC2412K-T-146-QR
SWITCH
Q801 DTC124EKA-T146
SWITCH
Q802 2SA1037AK-T146-QR
B+BUFFER
Q901 2SB1240TV2QR
B+REG
Q902 DTC124EKA-T146
B+SW
Q903 2SC2412K-T-146-QR
SWITCH
Q904
PROTECT
Q905
PROTECT SW
Q906, 907
DRIVER
Q908 2SK1191
INVERTER
Q909 2SK1191
INVERTER
Q910 2SC2412K-T-16-QR
POWER ON/OFF
Q911 2SD1189F-Q
B+REG
Q912 2SB891
B-REG
Q913, 914
FAN MOTOR DRIVE
Q915 2SC2412K-T-146-QR
TEMP DET
Q916 DTA124EKA-T146
SWITCH
Q917 2SD1859TV2R
FAN DRIVE
Q918 DTA124EKA-T146
SWITCH
D904 SEC2764C-C2D
POWER/PROTECTOR INDICATOR
IC902 PC817-B
DC DET
T901

# SECTION 4
# EXPLODED VIEWS

NOTE:
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.

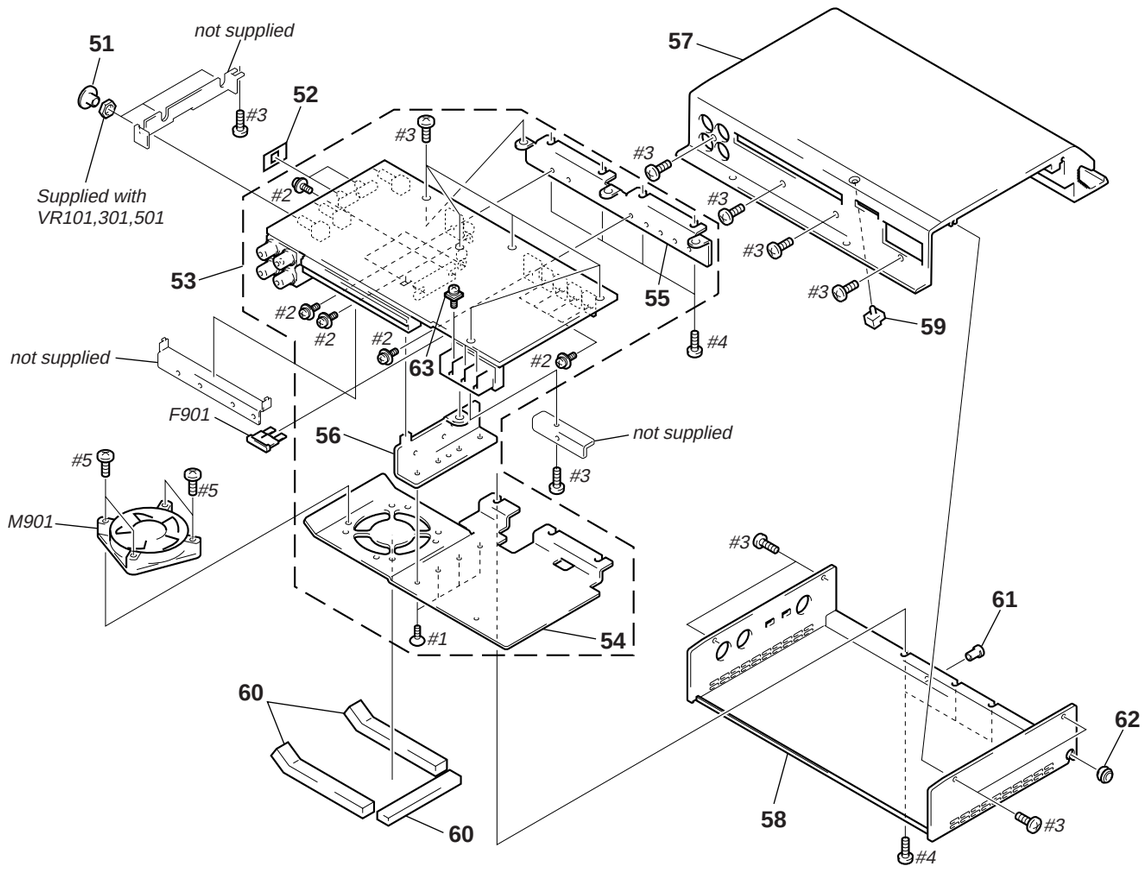
## (1) SPEAKER AND AMPLIFIER SECTION




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 1 | X-3377-583-1 | NET ASSY | |
| 2 | 3-037-207-01 | GRILLE | |
| 3 | 3-037-208-01 | SCREW (4x30), TAPPING | |
| * 4 | 3-037-206-01 | BOX, SPEAKER | |
| 5 | 1-694-575-11 | TERMINAL BOARD | |
| SP901 | 1-529-397-11 | SPEAKER (20cm) | |



## (2) AMPLIFIER SECTION




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 51 | 3-037-200-01 | BUTTON | |
| * 52 | 3-037-524-01 | SHEET | |
| * 53 | A-3317-759-A | MAIN BOARD, COMPLETE | |
| * 54 | 3-037-202-01 | SUB (A), HEAT SINK | |
| * 55 | 3-037-203-01 | SUB (B), HEAT SINK | |
| * 56 | 3-037-204-01 | SUB (C), HEAT SINK | |
| * 57 | 3-037-201-01 | HEAT SINK (MAIN) | |
| * 58 | 3-037-205-01 | PANEL | |
| * 59 | 3-037-253-01 | PLATE, LIGHT GUIDE | |
| * 60 | 3-037-249-01 | SPACER | |
| 61 | 3-038-125-01 | GROMMET | |
| 62 | 3-038-126-01 | RING | |
| 63 | 3-912-431-01 | SCREW (P) | |
| F901 | 1-576-256-11 | FUSE (BLADE TYPE) (AUTO FUSE) (25A) | |
| M901 | 1-763-366-11 | MOTOR, DC FAN | |

# SECTION 5
# ELECTRICAL PARTS LIST

MAIN

Note:

When indicating parts by reference number, please include the board name.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- RESISTORS
  All resistors are in ohms
  METAL: Metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F : nonflammable
- SEMICONDUCTORS
  In each case, u: µ , for example:
  uA...: µ A..., uPA...: µ PA..., uPB...: µ PB..., uPC...: µ PC..., uPD...: µ PD...
- CAPACITORS
  uF : µ F
- COILS
  uH : µ H

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| * | A-3317-759-A | MAIN BOARD, COMPLETE | | | |
| | | ********** | | | |
| * | 3-037-202-01 | SUB (A), HEAT SINK | | | |
| * | 3-037-203-01 | SUB (B), HEAT SINK | | | |
| * | 3-037-204-01 | SUB (C), HEAT SINK | | | |
| | 7-682-249-04 | SCREW +K 3x10 | | | |
| | 7-682-949-01 | SCREW +PSW 3x10 | | | |
| | 7-685-546-19 | SCREW +BTP 3x8 TYPE2 N-S | | | |
| | | < CAPACITOR > | | | |
| C101 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C102 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C103 | 1-107-823-11 | CERAMIC CHIP | 0.47uF | 10% | 16V |
| C104 | 1-107-823-11 | CERAMIC CHIP | 0.47uF | 10% | 16V |
| C105 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C106 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C107 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C108 | 1-163-239-11 | CERAMIC CHIP | 33PF | 5% | 50V |
| C109 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C110 | 1-136-168-00 | FILM | 0.18uF | 5% | 50V |
| C111 | 1-136-168-00 | FILM | 0.18uF | 5% | 50V |
| C113 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C201 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C202 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C203 | 1-107-823-11 | CERAMIC CHIP | 0.47uF | 10% | 16V |
| C204 | 1-107-823-11 | CERAMIC CHIP | 0.47uF | 10% | 16V |
| C205 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C206 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C207 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C208 | 1-163-239-11 | CERAMIC CHIP | 33PF | 5% | 50V |
| C209 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C210 | 1-136-168-00 | FILM | 0.18uF | 5% | 50V |
| C211 | 1-136-168-00 | FILM | 0.18uF | 5% | 50V |
| C213 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C301 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C302 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C303 | 1-107-823-11 | CERAMIC CHIP | 0.47uF | 10% | 16V |
| C304 | 1-107-823-11 | CERAMIC CHIP | 0.47uF | 10% | 16V |
| C305 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C306 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C307 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C308 | 1-163-239-11 | CERAMIC CHIP | 33PF | 5% | 50V |
| C309 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C310 | 1-136-168-00 | FILM | 0.18uF | 5% | 50V |
| C311 | 1-136-168-00 | FILM | 0.18uF | 5% | 50V |
| C313 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C401 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C402 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C403 | 1-107-823-11 | CERAMIC CHIP | 0.47uF | 10% | 16V |
| C404 | 1-107-823-11 | CERAMIC CHIP | 0.47uF | 10% | 16V |
| C405 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C406 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C407 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C408 | 1-163-239-11 | CERAMIC CHIP | 33PF | 5% | 50V |
| C409 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C410 | 1-136-168-00 | FILM | 0.18uF | 5% | 50V |
| C411 | 1-136-168-00 | FILM | 0.18uF | 5% | 50V |
| C413 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C501 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C502 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C505 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C506 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C507 | 1-136-166-00 | FILM | 0.12uF | 5% | 50V |
| C508 | 1-136-166-00 | FILM | 0.12uF | 5% | 50V |
| C509 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C512 | 1-136-163-00 | FILM | 0.068uF | 5% | 50V |
| C513 | 1-126-959-11 | ELECT | 0.47uF | 20% | 50V |
| C514 | 1-136-159-00 | FILM | 0.033uF | 5% | 50V |
| C515 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C516 | 1-163-239-11 | CERAMIC CHIP | 33PF | 5% | 50V |
| C517 | 1-126-965-11 | ELECT | 22uF | 20% | 50V |
| C518 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C519 | 1-126-933-11 | ELECT | 100uF | 20% | 16V |
| C520 | 1-136-161-00 | FILM | 0.047uF | 5% | 50V |
| C521 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C522 | 1-126-933-11 | ELECT | 100uF | 20% | 16V |
| C601 | 1-107-823-11 | CERAMIC CHIP | 0.47uF | 10% | 16V |
| C602 | 1-107-823-11 | CERAMIC CHIP | 0.47uF | 10% | 16V |
| C603 | 1-126-959-11 | ELECT | 0.47uF | 20% | 50V |
| C604 | 1-104-664-11 | ELECT | 47uF | 20% | 16V |
| C605 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C606 | 1-126-965-11 | ELECT | 22uF | 20% | 50V |
| C607 | 1-126-933-11 | ELECT | 100uF | 20% | 16V |
| C801 | 1-126-956-11 | ELECT | 0.1uF | 20% | 50V |
| C802 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C803 | 1-126-960-11 | ELECT | 1uF | 20% | 50V |
| C804 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C805 | 1-107-823-11 | CERAMIC CHIP | 0.47uF | 10% | 16V |
| C806 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V |
| C807 | 1-126-965-11 | ELECT | 22uF | 20% | 50V |
| C808 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C901 | 1-136-169-00 | FILM | 0.22uF | 5% | 50V |
| C902 | 1-163-275-11 | CERAMIC CHIP | 0.001uF | 5% | 50V |
| C903 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C904 | 1-163-021-91 | CERAMIC CHIP | 0.01uF | 10% | 50V |

# MAIN

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C905 | 1-104-664-11 | ELECT | 47uF | 20% | 16V |
| C906 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C907 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C908 | 1-130-476-00 | MYLAR | 0.0027uF | 5% | 50V |
| C909 | 1-126-965-11 | ELECT | 22uF | 20% | 50V |
| C910 | 1-163-275-11 | CERAMIC CHIP | 0.001uF | 5% | 50V |
| C911 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C912 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V |
| C913 | 1-115-790-11 | ELECT | 1500uF | 20% | 16V |
| C914 | 1-115-790-11 | ELECT | 1500uF | 20% | 16V |
| C915 | 1-128-601-11 | ELECT | 4700uF | 20% | 25V |
| C916 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V |
| C917 | 1-107-915-91 | ELECT | 2200uF | 20% | 50V |
| C918 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V |
| C919 | 1-107-915-91 | ELECT | 2200uF | 20% | 50V |
| C920 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V |
| C921 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C922 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C923 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C924 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C925 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C926 | 1-104-664-11 | ELECT | 47uF | 20% | 16V |
| C927 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% | 25V |
| C928 | 1-136-169-00 | FILM | 0.22uF | 5% | 50V |
| C951 | 1-126-934-11 | ELECT | 220uF | 20% | 16V |
| C952 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C953 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C954 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C955 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C956 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C957 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C958 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C959 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C960 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C961 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C962 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| | | < CONNECTOR > | | | |
| CN1 | 1-537-477-21 | TERMINAL BOARD (3P) | | | |
| CN2 | 1-793-227-11 | CONNECTOR 17P | | | |
| * CN502 | 1-564-704-11 | PIN, CONNECTOR (SMALL TYPE) 2P | | | |
| CNP101 | 1-793-228-11 | JACK, PIN (INPUT) | | | |
| | | < DIODE > | | | |
| D601 | 8-719-043-76 | DIODE AK04V0 | | | |
| D602 | 8-719-043-76 | DIODE AK04V0 | | | |
| D603 | 8-719-043-76 | DIODE AK04V0 | | | |
| D604 | 8-719-043-76 | DIODE AK04V0 | | | |
| D605 | 8-719-043-76 | DIODE AK04V0 | | | |
| D606 | 8-719-043-76 | DIODE AK04V0 | | | |
| D607 | 8-719-043-76 | DIODE AK04V0 | | | |
| D608 | 8-719-043-76 | DIODE AK04V0 | | | |
| D609 | 8-719-991-33 | DIODE 1SS133T-77 | | | |
| D801 | 8-719-991-33 | DIODE 1SS133T-77 | | | |
| D802 | 8-719-991-33 | DIODE 1SS133T-77 | | | |
| D901 | 8-719-978-69 | DIODE DTZ-TT11-16B | | | |
| D902 | 8-719-158-15 | DIODE RD5.6S-B | | | |
| D903 | 8-719-914-43 | DIODE DAN202K | | | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| D904 | 8-719-071-95 | DIODE SEC2764C-C2D | |
| D905 | 8-719-914-43 | DIODE DAN202K | |
| D906 | 8-719-158-49 | DIODE RD12SB2 | |
| D907 | 8-719-210-30 | DIODE F10P20F(R) | |
| D908 | 8-719-210-38 | DIODE F10P20FR | |
| D909 | 8-719-023-35 | DIODE FMG-32S | |
| D910 | 8-719-978-65 | DIODE UDZ-TE-17-15B | |
| D911 | 8-719-978-65 | DIODE UDZ-TE-17-15B | |
| D912 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D913 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D914 | 8-719-978-65 | DIODE UDZ-TE-17-15B | |
| D915 | 8-719-914-43 | DIODE DAN202K | |
| D916 | 8-719-056-94 | DIODE UDZ-TE-17-20B | |
| D918 | 8-719-914-43 | DIODE DAN202K | |
| | | < FERRITE BEAD > | |
| FB1 | 1-410-396-41 | INDUCTOR 0.45UH | |
| FB2 | 1-410-396-41 | INDUCTOR 0.45UH | |
| FB3 | 1-410-396-41 | INDUCTOR 0.45UH | |
| | | < IC > | |
| IC101 | 8-759-106-02 | IC uPC4570G2 | |
| IC102 | 8-759-106-02 | IC uPC4570G2 | |
| IC301 | 8-759-106-02 | IC uPC4570G2 | |
| IC302 | 8-759-106-02 | IC uPC4570G2 | |
| IC501 | 8-759-100-96 | IC uPC4558G2 | |
| IC502 | 8-759-100-96 | IC uPC4558G2 | |
| IC503 | 8-759-100-96 | IC uPC4558G2 | |
| IC504 | 8-759-299-54 | IC LM3886TF | |
| IC601 | 8-759-486-44 | IC TDA7386 | |
| IC602 | 8-759-981-69 | IC LM2904M | |
| IC801 | 8-759-981-69 | IC LM2904M | |
| IC901 | 8-759-144-88 | IC uPC494GS | |
| IC902 | 8-719-936-96 | IC PHOTO COUPLER PC817-B | |
| | | < COIL > | |
| L801 | 1-410-521-11 | INDUCTOR 100uH | |
| L902 | 1-424-638-11 | INDUCTOR 75uH | |
| | | < PILOT LAMP > | |
| PL901 | 1-518-540-00 | LAMP, PILOT | |
| | | < TRANSISTOR > | |
| Q501 | 8-729-901-00 | TRANSISTOR DTC124EK | |
| Q502 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q601 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q602 | 8-729-900-53 | TRANSISTOR DTC114EK | |
| Q603 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q801 | 8-729-901-00 | TRANSISTOR DTC124EK | |
| Q802 | 8-729-026-49 | TRANSISTOR 2SA1037AK-T146-R | |
| Q901 | 8-729-040-88 | TRANSISTOR 2SB1240TV2QR | |
| Q902 | 8-729-027-31 | TRANSISTOR DTA124EKA-T146 | |
| Q903 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q904 | 8-729-026-49 | TRANSISTOR 2SA1037AK-T146-R | |
| Q905 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q906 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| Q907 | 8-729-120-28 | TRANSISTOR | 2SC1623-L5L6 | | |
| Q908 | 8-729-322-52 | TRANSISTOR | 2SK1191 | | |
| Q909 | 8-729-322-52 | TRANSISTOR | 2SK1191 | | |
| Q910 | 8-729-120-28 | TRANSISTOR | 2SC1623-L5L6 | | |
| Q911 | 8-729-931-17 | TRANSISTOR | 2SD1189F-Q | | |
| Q912 | 8-729-925-37 | TRANSISTOR | 2SB891 | | |
| Q913 | 8-729-120-28 | TRANSISTOR | 2SC1623-L5L6 | | |
| Q914 | 8-729-120-28 | TRANSISTOR | 2SC1623-L5L6 | | |
| Q915 | 8-729-120-28 | TRANSISTOR | 2SC1623-L5L6 | | |
| Q916 | 8-729-027-31 | TRANSISTOR | DTA124EKA-T146 | | |
| Q917 | 8-729-032-95 | TRANSISTOR | 2SD1859TV2R | | |
| Q918 | 8-729-027-31 | TRANSISTOR | DTA124EKA-T146 | | |
| | | < RESISTOR > | | | |
| R101 | 1-216-471-11 | METAL OXIDE | 27 | 5% | 3W F |
| R102 | 1-208-518-61 | RES,CHIP | 22K | 2% | 1/10W |
| R103 | 1-208-518-61 | RES,CHIP | 22K | 2% | 1/10W |
| R104 | 1-218-760-11 | RES,CHIP | 220K | 2% | 1/10W |
| R105 | 1-218-760-11 | RES,CHIP | 220K | 2% | 1/10W |
| R106 | 1-208-518-61 | RES,CHIP | 22K | 2% | 1/10W |
| R107 | 1-208-518-61 | RES,CHIP | 22K | 2% | 1/10W |
| R108 | 1-208-795-11 | RES,CHIP | 3.6K | 2% | 1/10W |
| R109 | 1-208-803-11 | RES,CHIP | 7.5K | 2% | 1/10W |
| R110 | 1-208-462-61 | RES,CHIP | 10K | 2% | 1/10W |
| R201 | 1-216-471-11 | METAL OXIDE | 27 | 5% | 3W F |
| R202 | 1-208-518-61 | RES,CHIP | 22K | 2% | 1/10W |
| R203 | 1-208-518-61 | RES,CHIP | 22K | 2% | 1/10W |
| R204 | 1-218-760-11 | RES,CHIP | 220K | 2% | 1/10W |
| R205 | 1-218-760-11 | RES,CHIP | 220K | 2% | 1/10W |
| R206 | 1-208-518-61 | RES,CHIP | 22K | 2% | 1/10W |
| R207 | 1-208-518-61 | RES,CHIP | 22K | 2% | 1/10W |
| R208 | 1-208-795-11 | RES,CHIP | 3.6K | 2% | 1/10W |
| R209 | 1-208-803-11 | RES,CHIP | 7.5K | 2% | 1/10W |
| R210 | 1-208-462-61 | RES,CHIP | 10K | 2% | 1/10W |
| R301 | 1-216-471-11 | METAL OXIDE | 27 | 5% | 3W F |
| R302 | 1-208-518-61 | RES,CHIP | 22K | 2% | 1/10W |
| R303 | 1-208-518-61 | RES,CHIP | 22K | 2% | 1/10W |
| R304 | 1-218-760-11 | RES,CHIP | 220K | 2% | 1/10W |
| R305 | 1-218-760-11 | RES,CHIP | 220K | 2% | 1/10W |
| R306 | 1-208-518-61 | RES,CHIP | 22K | 2% | 1/10W |
| R307 | 1-208-518-61 | RES,CHIP | 22K | 2% | 1/10W |
| R308 | 1-208-795-11 | RES,CHIP | 3.6K | 2% | 1/10W |
| R309 | 1-208-803-11 | RES,CHIP | 7.5K | 2% | 1/10W |
| R310 | 1-208-462-61 | RES,CHIP | 10K | 2% | 1/10W |
| R401 | 1-216-471-11 | METAL OXIDE | 27 | 5% | 3W F |
| R402 | 1-208-518-61 | RES,CHIP | 22K | 2% | 1/10W |
| R403 | 1-208-518-61 | RES,CHIP | 22K | 2% | 1/10W |
| R404 | 1-218-760-11 | RES,CHIP | 220K | 2% | 1/10W |
| R405 | 1-218-760-11 | RES,CHIP | 220K | 2% | 1/10W |
| R406 | 1-208-518-61 | RES,CHIP | 22K | 2% | 1/10W |
| R407 | 1-208-518-61 | RES,CHIP | 22K | 2% | 1/10W |
| R408 | 1-208-795-11 | RES,CHIP | 3.6K | 2% | 1/10W |
| R409 | 1-208-803-11 | RES,CHIP | 7.5K | 2% | 1/10W |
| R410 | 1-208-462-61 | RES,CHIP | 10K | 2% | 1/10W |
| R501 | 1-208-462-61 | RES,CHIP | 10K | 2% | 1/10W |
| R503 | 1-208-462-61 | RES,CHIP | 10K | 2% | 1/10W |
| R504 | 1-216-659-11 | METAL CHIP | 2.2K | 0.5% | 1/10W |
| R505 | 1-208-462-61 | RES,CHIP | 10K | 2% | 1/10W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R506 | 1-208-462-61 | RES,CHIP | 10K | 2% | 1/10W |
| R509 | 1-216-659-11 | METAL CHIP | 2.2K | 0.5% | 1/10W |
| R510 | 1-208-462-61 | RES,CHIP | 10K | 2% | 1/10W |
| R511 | 1-208-462-61 | RES,CHIP | 10K | 2% | 1/10W |
| R512 | 1-208-526-61 | RES,CHIP | 47K | 2% | 1/10W |
| R513 | 1-208-526-61 | RES,CHIP | 47K | 2% | 1/10W |
| R514 | 1-208-518-61 | RES,CHIP | 22K | 2% | 1/10W |
| R515 | 1-208-518-61 | RES,CHIP | 22K | 2% | 1/10W |
| R516 | 1-208-518-61 | RES,CHIP | 22K | 2% | 1/10W |
| R517 | 1-216-671-11 | METAL CHIP | 6.8K | 0.5% | 1/10W |
| R518 | 1-208-805-11 | RES,CHIP | 9.1K | 2% | 1/10W |
| R519 | 1-208-764-11 | RES,CHIP | 180 | 2% | 1/10W |
| R520 | 1-208-437-61 | RES,CHIP | 1K | 2% | 1/10W |
| R521 | 1-208-441-61 | RES,CHIP | 1.5K | 2% | 1/10W |
| R522 | 1-208-810-11 | RES,CHIP | 15K | 2% | 1/10W |
| R523 | 1-208-810-11 | RES,CHIP | 15K | 2% | 1/10W |
| R525 | 1-208-462-61 | RES,CHIP | 10K | 2% | 1/10W |
| R526 | 1-208-449-61 | RES,CHIP | 3.3K | 2% | 1/10W |
| R527 | 1-216-230-00 | RES,CHIP | 22K | 2% | 1/8W |
| R528 | 1-208-437-61 | RES,CHIP | 1K | 2% | 1/10W |
| R529 | 1-208-518-61 | RES,CHIP | 22K | 2% | 1/10W |
| R530 | 1-216-150-00 | RES,CHIP | 10 | 2% | 1/8W |
| R531 | 1-208-526-61 | RES,CHIP | 47K | 2% | 1/10W |
| R532 | 1-208-462-61 | RES,CHIP | 10K | 2% | 1/10W |
| R550 | 1-208-774-11 | RES,CHIP | 470 | 2% | 1/10W |
| R601 | 1-208-462-61 | RES,CHIP | 10K | 2% | 1/10W |
| R602 | 1-208-526-61 | RES,CHIP | 47K | 2% | 1/10W |
| R603 | 1-208-534-61 | RES,CHIP | 100K | 2% | 1/10W |
| R604 | 1-208-462-61 | RES,CHIP | 10K | 2% | 1/10W |
| R605 | 1-208-534-61 | RES,CHIP | 100K | 2% | 1/10W |
| R606 | 1-208-534-61 | RES,CHIP | 100K | 2% | 1/10W |
| R607 | 1-208-534-61 | RES,CHIP | 100K | 2% | 1/10W |
| R608 | 1-208-534-61 | RES,CHIP | 100K | 2% | 1/10W |
| R609 | 1-208-534-61 | RES,CHIP | 100K | 2% | 1/10W |
| R610 | 1-208-534-61 | RES,CHIP | 100K | 2% | 1/10W |
| R611 | 1-208-534-61 | RES,CHIP | 100K | 2% | 1/10W |
| R612 | 1-208-534-61 | RES,CHIP | 100K | 2% | 1/10W |
| R613 | 1-208-462-61 | RES,CHIP | 10K | 2% | 1/10W |
| R614 | 1-218-756-11 | RES,CHIP | 150K | 2% | 1/10W |
| R615 | 1-208-812-11 | RES,CHIP | 18K | 2% | 1/10W |
| R616 | 1-208-462-61 | RES,CHIP | 10K | 2% | 1/10W |
| R617 | 1-208-453-61 | RES,CHIP | 4.7K | 2% | 1/10W |
| R618 | 1-208-453-61 | RES,CHIP | 4.7K | 2% | 1/10W |
| R619 | 1-208-462-61 | RES,CHIP | 10K | 2% | 1/10W |
| R620 | 1-208-534-61 | RES,CHIP | 100K | 2% | 1/10W |
| R621 | 1-216-246-00 | RES,CHIP | 100K | 2% | 1/8W |
| R622 | 1-216-238-00 | RES,CHIP | 47K | 2% | 1/8W |
| R623 | 1-208-486-61 | RES,CHIP | 1K | 2% | 1/8W |
| R801 | 1-208-550-61 | RES,CHIP | 470K | 2% | 1/10W |
| R802 | 1-208-550-61 | RES,CHIP | 470K | 2% | 1/10W |
| R803 | 1-208-534-61 | RES,CHIP | 100K | 2% | 1/10W |
| R804 | 1-216-659-11 | METAL CHIP | 2.2K | 0.5% | 1/10W |
| R805 | 1-208-534-61 | RES,CHIP | 100K | 2% | 1/10W |
| R806 | 1-208-534-61 | RES,CHIP | 100K | 2% | 1/10W |
| R807 | 1-208-550-61 | RES,CHIP | 470K | 2% | 1/10W |
| R808 | 1-208-550-61 | RES,CHIP | 470K | 2% | 1/10W |
| R809 | 1-208-534-61 | RES,CHIP | 100K | 2% | 1/10W |

## MAIN

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R810 | 1-208-534-61 | RES,CHIP | 100K | 2% | 1/10W |
| R811 | 1-218-760-11 | RES,CHIP | 220K | 2% | 1/10W |
| R812 | 1-208-534-61 | RES,CHIP | 100K | 2% | 1/10W |
| R813 | 1-208-550-61 | RES,CHIP | 470K | 2% | 1/10W |
| R814 | 1-208-550-61 | RES,CHIP | 470K | 2% | 1/10W |
| R815 | 1-208-437-61 | RES,CHIP | 1K | 2% | 1/10W |
| R901 | 1-214-753-00 | METAL | 10K | 1% | 1/4W |
| R902 | 1-208-453-61 | RES,CHIP | 4.7K | 2% | 1/10W |
| R903 | 1-208-449-61 | RES,CHIP | 3.3K | 2% | 1/10W |
| R904 | 1-208-441-61 | RES,CHIP | 1.5K | 2% | 1/10W |
| R905 | 1-208-494-61 | RES,CHIP | 2.2K | 2% | 1/8W |
| R906 | 1-208-488-11 | RES,CHIP | 1.2K | 2% | 1/8W |
| R907 | 1-208-510-61 | RES,CHIP | 10K | 2% | 1/8W |
| R908 | 1-208-550-61 | RES,CHIP | 470K | 2% | 1/10W |
| R909 | 1-216-671-11 | METAL CHIP | 6.8K | 0.5% | 1/10W |
| R910 | 1-208-518-61 | RES,CHIP | 22K | 2% | 1/10W |
| R911 | 1-208-449-61 | RES,CHIP | 3.3K | 2% | 1/10W |
| R912 | 1-208-534-61 | RES,CHIP | 100K | 2% | 1/10W |
| R913 | 1-208-474-61 | RES,CHIP | 330 | 2% | 1/8W |
| R914 | 1-208-534-61 | RES,CHIP | 100K | 2% | 1/10W |
| R915 | 1-216-210-00 | RES,CHIP | 3.3K | 2% | 1/8W |
| R916 | 1-208-462-61 | RES,CHIP | 10K | 2% | 1/10W |
| R917 | 1-208-437-61 | RES,CHIP | 1K | 2% | 1/10W |
| R918 | 1-208-462-61 | RES,CHIP | 10K | 2% | 1/10W |
| R919 | 1-208-453-61 | RES,CHIP | 4.7K | 2% | 1/10W |
| R920 | 1-208-453-61 | RES,CHIP | 4.7K | 2% | 1/10W |
| R921 | 1-208-518-61 | RES,CHIP | 22K | 2% | 1/10W |
| R922 | 1-208-449-61 | RES,CHIP | 3.3K | 2% | 1/10W |
| R923 | 1-208-478-11 | RES,CHIP | 470 | 2% | 1/8W |
| R924 | 1-208-478-11 | RES,CHIP | 470 | 2% | 1/8W |
| R925 | 1-208-405-61 | RES,CHIP | 47 | 2% | 1/8W |
| R926 | 1-208-405-61 | RES,CHIP | 47 | 2% | 1/8W |
| R927 | 1-208-437-61 | RES,CHIP | 1K | 2% | 1/10W |
| R928 | 1-208-437-61 | RES,CHIP | 1K | 2% | 1/10W |
| R929 | 1-208-373-11 | RES,CHIP | 2.2 | 2% | 1/8W |
| R930 | 1-208-373-11 | RES,CHIP | 2.2 | 2% | 1/8W |
| R931 | 1-216-659-11 | METAL CHIP | 2.2K | 0.5% | 1/10W |
| R932 | 1-216-647-11 | METAL CHIP | 680 | 0.5% | 1/10W |
| R933 | 1-216-659-11 | METAL CHIP | 2.2K | 0.5% | 1/10W |
| R934 | 1-216-210-00 | RES,CHIP | 3.3K | 2% | 1/8W |
| R935 | 1-216-210-00 | RES,CHIP | 3.3K | 2% | 1/8W |
| R936 | 1-208-526-61 | RES,CHIP | 47K | 2% | 1/10W |
| R937 | 1-208-462-61 | RES,CHIP | 10K | 2% | 1/10W |
| R938 | 1-208-534-61 | RES,CHIP | 100K | 2% | 1/10W |
| R939 | 1-208-462-61 | RES,CHIP | 10K | 2% | 1/10W |
| R940 | 1-208-776-11 | RES,CHIP | 560 | 2% | 1/10W |
| R941 | 1-208-534-61 | RES,CHIP | 100K | 2% | 1/10W |
| R942 | 1-208-437-61 | RES,CHIP | 1K | 2% | 1/10W |
| R943 | 1-216-665-11 | METAL CHIP | 3.9K | 0.5% | 1/10W |
| R944 | 1-208-437-61 | RES,CHIP | 1K | 2% | 1/10W |
| R945 | 1-208-462-61 | RES,CHIP | 10K | 2% | 1/10W |
| R946 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W |
| R951 | 1-216-661-11 | METAL CHIP | 2.7K | 0.5% | 1/10W |
| R952 | 1-208-486-61 | RES,CHIP | 1K | 2% | 1/8W |
| R953 | 1-208-486-61 | RES,CHIP | 1K | 2% | 1/8W |
| R954 | 1-208-486-61 | RES,CHIP | 1K | 2% | 1/8W |
| R956 | 1-216-174-00 | RES,CHIP | 100 | 2% | 1/8W |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| | | < SWITCH > | |
| S501 | 1-692-721-11 | SWITCH, SLIDE (SUB WOOFER/MODE) | |
| S502 | 1-692-721-11 | SWITCH, SLIDE (SUB WOOFER/PHASE) | |
| | | < TRANSFORMER > | |
| T901 | 1-433-908-11 | TRANSFORMER, DC-DC CONVERTER | |
| | | < THERMISTOR > | |
| TH901 | 1-808-877-11 | THERMISTOR | |
| TH902 | 1-809-789-71 | THERMISTOR, POSITIVE | |
| TH903 | 1-809-789-71 | THERMISTOR, POSITIVE | |
| | | < VARIABLE RESISTOR > | |
| VR101 | 1-225-848-11 | RES, VAR (HI-PASS FILTER/FRONT) | |
| VR301 | 1-225-848-11 | RES, VAR (HI-PASS FILTER/REAR) | |
| VR501 | 1-225-847-11 | RES, VAR (LEVEL) | |

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MISCELLANEOUS
**********

| | | | |
|---|---|---|---|
| 5 | 1-694-575-11 | TERMINAL BOARD | |
| F901 | 1-576-256-11 | FUSE (BLADE TYPE) (AUTO FUSE) | |
| M901 | 1-763-366-11 | MOTOR, DC FAN | |
| SP901 | 1-529-397-11 | SPEAKER (20cm) | |

**********

ACCESSORIES & PACKING MATERIALS
**********

| | | |
|---|---|---|
| 3-013-264-01 | COVER, 3P TERMINAL TABLE | |
| 3-037-167-01 | SEAL (INPUT/OUTPUT) | |
| 3-866-441-11 | MANUAL, INSTRUCTION (ENGLISH) | |

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**********
HARDWARE LIST
**********

| | | |
|---|---|---|
| #1 | 7-682-249-04 | SCREW +K 3x10 |
| #2 | 7-682-949-01 | SCREW +PSW 3x10 |
| #3 | 7-685-546-19 | SCREW +BTP 3x8 TYPE2 N-S |
| #4 | 7-685-547-14 | SCREW +BTP 3x10 TYPE2 N-S |
| #5 | 7-685-649-79 | SCREW +BTP 3x14 TYPE2 N-S |
| #6 | 7-685-249-09 | SCREW +K 3x14 TYPE1 |

**********

PARTS FOR INSTALLATION AND CONNECTIONS
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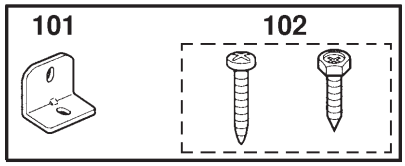
| | | |
|---|---|---|
| 101 | 3-037-199-01 | BRACKET |
| 102 | A-3327-392-A | SCREW ASSY |



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